

Asn	Val	Ile	Arg	Ala 85	Tyr	Arg	Leu	Lys	Arg 90	Thr	His	Gln	Ser	Leu 95	Asp
Asn	Ala	Ala	Leu 100	Phe	Gln	Pro	Ile	Thr 105	Lys	Tyr	Ser	Val	Glu 110	Val	Gln
Asp	Val	Lys 115	Asn	Ile	Pro	Glu	Ala 120	Val	Thr	Asn	Ala	Phe 125	Arg	Ile	Ala
Ser	Ala 130	Gly	Gln	Ala	Gly	Ala 135	Ala	Phe	Val	Ser	Phe 140	Pro	Gln	Asp	Val
Val 145	Asn	Glu	Val	Thr 150	Asn	Thr	Lys	Asn	Val	Arg 155	Ala	Val	Ala	Ala	Pro 160
Lys	Leu	Gly	Pro 165	Ala	Ala	Asp	Asp	Ala	Ile 170	Ser	Ala	Ala	Ile	Ala 175	Lys
Ile	Gln	Thr	Ala 180	Lys	Leu	Pro	Val	Val 185	Leu	Val	Gly	Met	Lys 190	Gly	Gly
Arg	Pro	Glu 195	Ala	Ile	Lys	Ala	Val 200	Arg	Lys	Leu	Leu	Lys 205	Lys	Val	Gln
Leu	Pro 210	Phe	Val	Glu	Thr	Tyr 215	Gln	Ala	Ala	Gly	Thr 220	Leu	Ser	Arg	Asp
Leu 225	Glu	Asp	Gln	Tyr	Phe 230	Gly	Arg	Ile	Gly	Leu 235	Phe	Arg	Asn	Gln	Pro 240
Gly	Asp	Leu	Leu	Leu 245	Glu	Gln	Ala	Asp	Val 250	Val	Leu	Thr	Ile	Gly 255	Tyr
Asp	Pro	Ile	Glu 260	Tyr	Asp	Pro	Lys	Phe 265	Trp	Asn	Ile	Asn	Gly 270	Asp	Arg
Thr	Ile 275	Ile	His	Leu	Asp	Glu	Ile 280	Ile	Ala	Asp	Ile	Asp 285	His	Ala	Tyr
Gln	Pro 290	Asp	Leu	Glu	Leu	Ile 295	Gly	Asp	Ile	Pro	Ser 300	Thr	Ile	Asn	His
Ile 305	Glu	His	Asp	Ala	Val 310	Lys	Val	Glu	Phe	Ala 315	Glu	Arg	Glu	Gln	Lys 320
Ile	Leu	Ser	Asp	Leu 325	Lys	Gln	Tyr	Met	His 330	Glu	Gly	Glu	Gln	Val 335	Pro
Ala	Asp	Trp	Lys 340	Ser	Asp	Arg	Ala	His 345	Pro	Leu	Glu	Ile	Val 350	Lys	Glu
Leu	Arg	Asn 355	Ala	Val	Asp	Asp	His 360	Val	Thr	Val	Thr	Cys 365	Asp	Ile	Gly
Ser	His 370	Ser	Ile	Trp	Met	Ser 375	Arg	Tyr	Phe	Arg	Ser 380	Tyr	Glu	Pro	Leu
Thr 385	Leu	Met	Ile	Ser	Asn 390	Gly	Met	Gln	Thr	Leu 395	Gly	Val	Ala	Leu	Pro 400

Trp Ala Ile Gly Ala Ser Leu Val Lys Pro Gly Glu Lys Val Val Ser
 405 410 415
 Val Ser Gly Asp Gly Gly Phe Leu Phe Ser Ala Met Glu Leu Glu Thr
 420 425 430
 Ala Val Arg Leu Lys Ala Pro Ile Val His Ile Val Trp Asn Asp Ser
 435 440 445
 Thr Tyr Asp Met Val His Phe Gln Gln Leu Lys Lys Tyr Asn Arg Thr
 450 455 460
 Ser Ala Val Asp Phe Gly Asn Ile Asp Ile Val Lys Tyr Ala Glu Ser
 465 470 475 480
 Phe Gly Ala Thr Ala Leu Arg Val Glu Ser Pro Asp Gln Leu Ala Asp
 485 490 495
 Val Leu Arg Gln Gly Met Asn Ala Glu Gly Pro Val Ile Ile Asp Val
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 Pro Val Asp Tyr Ser Asp Asn Ile Asn Leu Ala Ser Asp Lys Leu Pro
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 Lys Glu Phe Gly Glu Leu Met Lys Thr Lys Ala Leu
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 <213> Artificial Sequence

<220>
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23

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<210> 90

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ttaagttggg taacgccagg gttttcccag tcacgacgtt gtaaaacgac ggccagtga 180
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aagaagagcc gcgttatctc caagaaagaa cgcaatatcg tggcttatca cgaaggcgga 420
cacaccgtta tcggtctcgt tttagatgag gcagatatgg ttcataaagt aacgattgtt 480
cctcggggcc aggttggcgg ttatgctgtt atgctgccaa gagaagaccg ttattttcaa 540
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